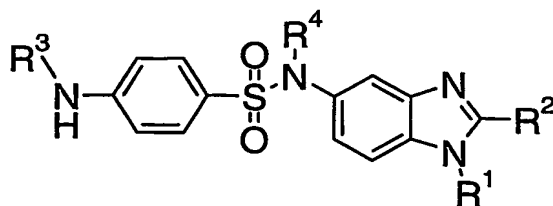


What is claimed is:

1. A compound of Formula I or a pharmaceutically acceptable salt thereof:



I

5 wherein

R^1 is selected from C_{1-10} alkyl, C_{2-10} alkenyl, C_{3-10} cycloalkyl- C_{1-4} alkyl, C_{4-8} cycloalkenyl- C_{1-4} alkyl, C_{3-6} heterocycloalkyl- C_{1-4} alkyl, C_{3-10} cycloalkyl, C_{4-8} cycloalkenyl, and C_{3-6} heterocycloalkyl, wherein said C_{1-10} alkyl, C_{2-10} alkenyl, C_{3-10} cycloalkyl- C_{1-4} alkyl, C_{4-8} cycloalkenyl- C_{1-4} alkyl, C_{3-6} heterocycloalkyl- C_{1-4} alkyl, C_{3-10} cycloalkyl, C_{4-8} cycloalkenyl, and C_{3-6} heterocycloalkyl used in defining R^1 is optionally substituted by one or more groups selected from halogen, cyano, nitro, methoxy, ethoxy, methyl, ethyl, hydroxy, amino, C_{1-6} alkylamino and diC_{1-6} alkylamino;

R^2 is selected from C_{1-10} alkyl, C_{2-10} alkenyl, C_{3-10} cycloalkyl, C_{3-10} cycloalkyl- C_{1-4} alkyl, and C_{4-8} cycloalkenyl- C_{1-4} alkyl, wherein said C_{1-10} alkyl, C_{2-10} alkenyl, C_{3-10} cycloalkyl, C_{3-10} cycloalkyl- C_{1-4} alkyl, and C_{4-8} cycloalkenyl- C_{1-4} alkyl used in defining R^2 is optionally substituted by one or more groups selected from halogen, methoxy, ethoxy, methyl, ethyl, hydroxy, amino, C_{1-6} alkylamino and diC_{1-6} alkylamino;

R^3 is selected from -H, C_{1-6} alkyl, C_{2-6} alkenyl, and C_{1-6} acyl, wherein said C_{1-6} alkyl, C_{2-6} alkenyl, and C_{1-6} acyl used in defining R^3 is optionally substituted with one or more groups selected from $CH_3C(=O)-O-$, halogen, cyano, methoxy, ethoxy, hydroxy, amino, alkylamino, dialkylamino, and C_{3-6} heterocycloalkyl; and

R^4 is selected from -H, C_{1-6} alkyl, C_{2-6} alkenyl, C_{3-6} cycloalkyl, and C_{3-6} cycloalkyl- C_{1-4} alkyl.

2. A compound as claimed in claim 1, wherein

R^1 is selected from C_{1-6} alkyl, C_{2-6} alkenyl, C_{3-6} cycloalkyl- C_{1-4} alkyl, C_{4-6} cycloalkenyl- C_{1-4} alkyl and C_{3-6} heterocycloalkyl- C_{1-4} alkyl, wherein said C_{1-6} alkyl,

C₂₋₆alkenyl, C₃₋₆cycloalkyl-C₁₋₄alkyl, C₄₋₆cycloalkenyl-C₁₋₄alkyl and C₃₋₆heterocycloalkyl-C₁₋₄alkyl used in defining R¹ is optionally substituted by one or more groups selected from halogen, methoxy, ethoxy, methyl, hydroxy and amino;

R² is selected from C₁₋₆alkyl, C₂₋₆alkenyl, C₃₋₆cycloalkyl, C₃₋₆cycloalkyl-C₁₋₄alkyl, and C₄₋₆cycloalkenyl-C₁₋₄alkyl, wherein said C₁₋₆alkyl, C₂₋₆alkenyl, C₃₋₆cycloalkyl, C₃₋₆cycloalkyl-C₁₋₄alkyl, and C₄₋₆cycloalkenyl-C₁₋₄alkyl used in defining R² is optionally substituted by one or more groups selected from halogen, methoxy, ethoxy and hydroxy;

R³ is selected from -H, C₁₋₆alkyl, C₂₋₆alkenyl, and C₁₋₆acyl, wherein said C₁₋₆alkyl, C₂₋₆alkenyl, and C₁₋₆acyl used in defining R³ is optionally substituted with one or more groups selected from CH₃C(=O)-O-, halogen, methoxy, ethoxy, hydroxy, amino, methylamino, dimethylamino, and C₃₋₆heterocycloalkyl; and

R⁴ is selected from -H and C₁₋₃alkyl.

3. A compound as claimed in claim 1,

R¹ is selected from cyclopentyl-methyl, cyclohexyl-methyl, cyclobutyl-methyl, cyclopropyl-methyl, 4,4-difluorocyclohexyl-methyl, bicyclo[2.2.1]hept-5-en-2-ylmethyl, tetrahydropyranyl-methyl, tetrahydropyranyl-ethyl, tetrahydrofuranyl-methyl, morpholinyl-methyl, piperdinyethyl, N-methyl-piperdinylmethyl, and piperdiny-methyl;

R² is selected from t-butyl, n-butyl, 2-methyl-2-butyl, isopentyl, 2-methoxy-2-propyl, 2-hydroxy-propyl, trifluoromethyl, 1,1-difluoroethyl, 2,2,2-trifluoroethyl, 1-methyl-propyl, 1,1-dimethyl-propyl, 1,1-dimethyl-3-buten-1-yl, ethyl, and 2-propyl;

R³ is selected from -H, C₁₋₆alkyl, and C₁₋₆acyl, wherein said C₁₋₆alkyl, and C₁₋₆acyl used in defining R³ is optionally substituted with one or more groups selected from CH₃C(=O)-O-, halogen, methoxy, hydroxy, amino, methylamino, dimethylamino, pyrrolidinyl, and morpholinyl; and

R⁴ is selected from -H and methyl.

4. A compound as claimed in claim 1, wherein

R¹ is selected from cyclohexyl-methyl, cyclopentyl-methyl, cyclobutyl-methyl, cyclopropyl-methyl, 4,4-difluorocyclohexyl-methyl and tetrahydropyranyl-methyl;

R^2 is t-butyl and 1,1-difluoroethyl;

R^3 is selected from -H, methyl, ethyl, propyl, 2-propyl, 2-hydroxyethyl, 2-methoxyethyl, formyl, acetyl, ethylcarbonyl, 2-propylcarbonyl, t-butylcarbonyl, uriedo, N-isopropyl-ureido, 2-amino-acetyl, 2-methylamino-acetyl, 2-dimethylamino-acetyl, 2-acetyloxy-acetyl, 2-hydroxy-acetyl, 2-bromo-acetyl, 2-(morpholin-1-yl)-acetyl, and 2-(pyrrolidin-1-yl)-acetyl; and

R^4 is selected from -H and methyl.

5. A compound selected from:

- 10 *N*-(4-{[[2-*tert*-butyl-1-(cyclohexylmethyl)-1*H*-benzimidazol-5-yl](methyl)amino]sulfonyl}phenyl) acetamide;
N-[2-*tert*-Butyl-1-(cyclohexylmethyl)-1*H*-benzimidazol-5-yl]-*N*-methyl-4-nitrobenzenesulfonamide;
 4-Amino-*N*-[2-*tert*-butyl-1-(cyclohexylmethyl)-1*H*-benzimidazol-5-yl]-*N*-
 15 methylbenzenesulfonamide;
N-(4-{[[2-*tert*-Butyl-1-(cyclohexylmethyl)-1*H*-benzimidazol-5-yl](methyl)amino]sulfonyl}phenyl)propanamide;
N-(4-{[[2-*tert*-Butyl-1-(cyclohexylmethyl)-1*H*-benzimidazol-5-yl](methyl)amino]sulfonyl}phenyl)-2-methylpropanamide;
 20 *N*-(4-{[[2-*tert*-Butyl-1-(cyclohexylmethyl)-1*H*-benzimidazol-5-yl](methyl)amino]sulfonyl}phenyl)-2,2-dimethylpropanamide;
N-[2-*tert*-Butyl-1-(cyclohexylmethyl)-1*H*-benzimidazol-5-yl]-4-(ethylamino)-*N*-methylbenzenesulfonamide;
N-[2-*tert*-Butyl-1-(cyclohexylmethyl)-1*H*-benzimidazol-5-yl]-4-(formylamino)-*N*-
 25 methylbenzenesulfonamide;
N-(4-{[[2-*tert*-Butyl-1-(cyclohexylmethyl)-1*H*-benzimidazol-5-yl](methyl)amino]sulfonyl}phenyl)-2-pyrrolidin-1-ylacetamide;
*N*¹-(4-{[[2-*tert*-Butyl-1-(cyclohexylmethyl)-1*H*-benzimidazol-5-yl](methyl)amino]sulfonyl}phenyl)-*N*²,*N*²-dimethylglycinamide;
 30 *N*-(4-{[[2-*tert*-Butyl-1-(cyclohexylmethyl)-1*H*-benzimidazol-5-yl](methyl)amino]sulfonyl}phenyl)-2-morpholin-4-ylacetamide;
*N*¹-(4-{[[2-*tert*-Butyl-1-(cyclohexylmethyl)-1*H*-benzimidazol-5-yl](methyl)amino]sulfonyl}phenyl)glycinamide;

- 2-[(4-{[[2-*tert*-Butyl-1-(cyclohexylmethyl)-1*H*-benzimidazol-5-yl](methyl)amino]sulfonyl}phenyl)amino]-2-oxoethyl acetate;
N-(4-{[[2-*tert*-Butyl-1-(cyclohexylmethyl)-1*H*-benzimidazol-5-yl](methyl)amino]sulfonyl}phenyl)-2-hydroxyacetamide;
- 5 5-Bromo-*N*-[2-*tert*-butyl-1-(cyclohexylmethyl)-1*H*-benzimidazol-5-yl]-6-chloro-*N*-methylpyridine-3-sulfonamide;
- 5-Bromo-*N*-[2-*tert*-butyl-1-(cyclohexylmethyl)-1*H*-benzimidazol-5-yl]-6-[(2-hydroxyethyl)amino]-*N*-methylpyridine-3-sulfonamide;
- 10 *N*-[2-*tert*-Butyl-1-(cyclohexylmethyl)-1*H*-benzimidazol-5-yl]-6-[(2-hydroxyethyl)amino]-*N*-methylpyridine-3-sulfonamide;
- N*-(5-{[[2-*tert*-Butyl-1-(cyclohexylmethyl)-1*H*-benzimidazol-5-yl](methyl)amino]sulfonyl}pyridin-2-yl)acetamide;
- N*-(3-{[[2-*tert*-Butyl-1-(cyclohexylmethyl)-1*H*-benzimidazol-5-yl](methyl)amino]sulfonyl}phenyl)acetamide;
- 15 *N*¹-(4-{[[2-*tert*-Butyl-1-(cyclohexylmethyl)-1*H*-benzimidazol-5-yl](methyl)amino]sulfonyl}phenyl)-*N*²-(2-hydroxyethyl)glycinamide;
- 4-[(Aminocarbonyl)amino]-*N*-[2-*tert*-butyl-1-(tetrahydro-2*H*-pyran-4-ylmethyl)-1*H*-benzimidazol-5-yl]-*N*-methylbenzenesulfonamide;
- N*-(4-{[[2-*tert*-Butyl-1-(tetrahydro-2*H*-pyran-4-ylmethyl)-1*H*-benzimidazol-5-yl](methyl)amino]sulfonyl}phenyl)acetamide;
- 20 *N*-(4-{[[2-*tert*-Butyl-1-(tetrahydro-2*H*-pyran-4-ylmethyl)-1*H*-benzimidazol-5-yl](methyl)amino]sulfonyl}phenyl)-*N*-methylacetamide;
- N*-(4-{[[2-*tert*-Butyl-1-(tetrahydro-2*H*-pyran-4-ylmethyl)-1*H*-benzimidazol-5-yl](methyl)amino]sulfonyl}phenyl)-2,2-dimethylpropanamide;
- 25 *N*-(4-{[[2-*tert*-Butyl-1-(tetrahydro-2*H*-pyran-4-ylmethyl)-1*H*-benzimidazol-5-yl](methyl)amino]sulfonyl}phenyl)-2-hydroxyacetamide;
- N*¹-(4-{[[2-*tert*-Butyl-1-(tetrahydro-2*H*-pyran-4-ylmethyl)-1*H*-benzimidazol-5-yl](methyl)amino]sulfonyl}phenyl)-*N*²,*N*²-dimethylglycinamide;
- N*¹-(4-{[[2-*tert*-Butyl-1-(tetrahydro-2*H*-pyran-4-ylmethyl)-1*H*-benzimidazol-5-yl](methyl)amino]sulfonyl}phenyl)glycinamide;
- 30 *N*¹-(4-{[[2-*tert*-Butyl-1-(tetrahydro-2*H*-pyran-4-ylmethyl)-1*H*-benzimidazol-5-yl](methyl)amino]sulfonyl}phenyl)-*N*²-methylglycinamide;

N-[2-*tert*-Butyl-1-(tetrahydro-2*H*-pyran-4-ylmethyl)-1*H*-benzimidazol-5-yl]-6-[(2-hydroxyethyl)amino]-*N*-methylpyridine-3-sulfonamide;

N-[2-*tert*-Butyl-1-(tetrahydro-2*H*-pyran-4-ylmethyl)-1*H*-benzimidazol-5-yl]-6-[(2-methoxyethyl)amino]-*N*-methylpyridine-3-sulfonamide;

5 *N*-[2-*tert*-Butyl-1-(tetrahydro-2*H*-pyran-4-ylmethyl)-1*H*-benzimidazol-5-yl]-6-(formylamino)-*N*-methylpyridine-3-sulfonamide;

N-(5-{[[2-*tert*-Butyl-1-(tetrahydro-2*H*-pyran-4-ylmethyl)-1*H*-benzimidazol-5-yl](methyl)amino]sulfonyl}pyridin-2-yl)acetamide;

10 *N*-[4-({[2-*tert*-Butyl-1-(tetrahydro-2*H*-pyran-4-ylmethyl)-1*H*-benzimidazol-5-yl]amino}sulfonyl)phenyl]acetamide;

N-[4-({[2-*tert*-Butyl-1-(cyclohexylmethyl)-1*H*-benzimidazol-5-yl]amino}sulfonyl)phenyl]acetamide;

N-(4-{[[2-*tert*-Butyl-1-(2-piperidin-1-ylethyl)-1*H*-benzimidazol-5-yl](methyl)amino]sulfonyl}phenyl)acetamide;

15 *N*-(4-{[[2-*tert*-Butyl-1-(1,4-dioxan-2-ylmethyl)-1*H*-benzimidazol-5-yl](methyl)amino]sulfonyl}phenyl)acetamide;

N-(4-{[[2-*tert*-Butyl-1-[(1-methylpiperidin-2-yl)methyl]-1*H*-benzimidazol-5-yl](methyl)amino]sulfonyl}phenyl)acetamide;

20 *N*-(4-{[[2-*tert*-Butyl-1-[(2*R*)-1-methylpiperidin-2-yl]methyl]-1*H*-benzimidazol-5-yl](methyl)amino]sulfonyl}phenyl)acetamide;

N-[4-({methyl[1-(tetrahydro-2*H*-pyran-4-ylmethyl)-2-(trifluoromethyl)-1*H*-benzimidazol-5-yl]amino}sulfonyl)phenyl]acetamide;

4-Bromo-*N*-[1-(cyclohexylmethyl)-2-(1,1-dimethylethyl)-1*H*-benzimidazol-5-yl]-*N*-methyl-benzenesulfonamide;

25 *N*-[2-*tert*-butyl-1-(cyclohexylmethyl)-1*H*-benzimidazol-5-yl]-4-[(2-hydroxyethyl)amino]-*N*-methylbenzenesulfonamide;

N-[2-*tert*-butyl-1-(cyclohexylmethyl)-1*H*-benzimidazol-5-yl]-4-(dimethylamino)-*N*-methylbenzenesulfonamide;

30 4-[bis(2-hydroxyethyl)amino]-*N*-[2-*tert*-butyl-1-(cyclohexylmethyl)-1*H*-benzimidazol-5-yl]-*N*-methylbenzenesulfonamide;

N-[2-*tert*-butyl-1-(cyclohexylmethyl)-1*H*-benzimidazol-5-yl]-*N*,4-dimethyl-3,4-dihydro-2*H*-1,4-benzoxazine-7-sulfonamide;

N-[4-({methyl[2-(1-methyl-1-pyridin-2-ylethyl)-1-(tetrahydro-2*H*-pyran-4-ylmethyl)-1*H*-benzimidazol-5-yl]amino}sulfonyl)phenyl]acetamide;

N-(4-{[[2-*tert*-butyl-1-(tetrahydro-2*H*-pyran-4-ylmethyl)-1*H*-benzimidazol-5-yl](ethyl)amino}sulfonyl)phenyl)acetamide;

5 4-[(aminocarbonyl)amino]-*N*-[2-*tert*-butyl-1-(tetrahydro-2*H*-pyran-4-ylmethyl)-1*H*-benzimidazol-5-yl]-*N*-ethylbenzenesulfonamide;

N-[2-*tert*-butyl-1-(tetrahydro-2*H*-pyran-4-ylmethyl)-1*H*-benzimidazol-5-yl]-*N*-ethyl-4-{[(methylamino)carbonyl]amino}benzenesulfonamide;

10 4-amino-*N*-[2-*tert*-butyl-1-(tetrahydro-2*H*-pyran-4-ylmethyl)-1*H*-benzimidazol-5-yl]-*N*-ethylbenzenesulfonamide;

N-(4-{[[2-*tert*-butyl-1-(tetrahydro-2*H*-pyran-4-ylmethyl)-1*H*-benzimidazol-5-yl](ethyl)amino}sulfonyl)phenyl)-2,2-dimethylpropanamide;

2-[(4-{[[2-*tert*-butyl-1-(tetrahydro-2*H*-pyran-4-ylmethyl)-1*H*-benzimidazol-5-yl](ethyl)amino}sulfonyl)phenyl)amino]-2-oxoethyl acetate;

15 *N*-(4-{[[2-*tert*-butyl-1-(tetrahydro-2*H*-pyran-4-ylmethyl)-1*H*-benzimidazol-5-yl](ethyl)amino}sulfonyl)phenyl)-2-hydroxyacetamide;

N-[2-*tert*-butyl-1-(tetrahydro-2*H*-pyran-4-ylmethyl)-1*H*-benzimidazol-5-yl]-*N*-ethyl-4-{[(isopropylamino)carbonyl]amino}benzenesulfonamide;

20 *N*-[4-({ethyl[2-(1-methoxy-1-methylethyl)-1-(tetrahydro-2*H*-pyran-4-ylmethyl)-1*H*-benzimidazol-5-yl]amino}sulfonyl)phenyl]acetamide;

4-[(aminocarbonyl)amino]-*N*-ethyl-*N*-[2-(1-methoxy-1-methylethyl)-1-(tetrahydro-2*H*-pyran-4-ylmethyl)-1*H*-benzimidazol-5-yl]benzenesulfonamide;

N-ethyl-*N*-[2-(1-methoxy-1-methylethyl)-1-(tetrahydro-2*H*-pyran-4-ylmethyl)-1*H*-benzimidazol-5-yl]-4-{[(methylamino)carbonyl]amino}benzenesulfonamide;

25 4-amino-*N*-ethyl-*N*-[2-(1-methoxy-1-methylethyl)-1-(tetrahydro-2*H*-pyran-4-ylmethyl)-1*H*-benzimidazol-5-yl]benzenesulfonamide;

N-[4-({ethyl[2-(1-methoxy-1-methylethyl)-1-(tetrahydro-2*H*-pyran-4-ylmethyl)-1*H*-benzimidazol-5-yl]amino}sulfonyl)phenyl]-2,2-dimethylpropanamide;

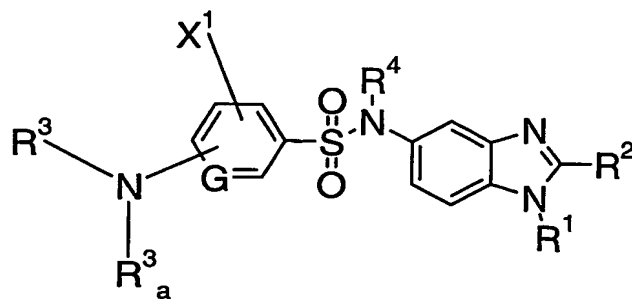
30 2-{[4-({ethyl[2-(1-methoxy-1-methylethyl)-1-(tetrahydro-2*H*-pyran-4-ylmethyl)-1*H*-benzimidazol-5-yl]amino}sulfonyl)phenyl]amino}-2-oxoethyl acetate;

N-[4-({ethyl[2-(1-methoxy-1-methylethyl)-1-(tetrahydro-2*H*-pyran-4-ylmethyl)-1*H*-benzimidazol-5-yl]amino}sulfonyl)phenyl]-2-hydroxyacetamide;

- N*-ethyl-4-[[[(isopropylamino)carbonyl]amino]-*N*-[2-(1-methoxy-1-methylethyl)-1-(tetrahydro-2*H*-pyran-4-ylmethyl)-1*H*-benzimidazol-5-yl]benzenesulfonamide;
N-(4-[[[2-(1-methoxy-1-methylethyl)-1-(tetrahydro-2*H*-pyran-4-ylmethyl)-1*H*-benzimidazol-5-yl](methyl)amino]sulfonyl]phenyl)acetamide;
5 4-[(aminocarbonyl)amino]-*N*-[2-(1-methoxy-1-methylethyl)-1-(tetrahydro-2*H*-pyran-4-ylmethyl)-1*H*-benzimidazol-5-yl]-*N*-methylbenzenesulfonamide;
2-Hydroxy-*N*-(4-[[[2-(1-methoxy-1-methylethyl)-1-(tetrahydro-2*H*-pyran-4-ylmethyl)-1*H*-benzimidazol-5-yl](methyl)amino]sulfonyl]phenyl)acetamide;
N-(4-[[[2-(1-ethoxy-1-methylethyl)-1-(tetrahydro-2*H*-pyran-4-ylmethyl)-1*H*-
10 benzimidazol-5-yl](methyl)amino]sulfonyl]phenyl)acetamide;
N-[4-({[1-(2-azetidin-1-ylethyl)-2-*tert*-butyl-1*H*-benzimidazol-5-yl]amino} sulfonyl)phenyl]acetamide;
3-[5-({[4-(acetylamino)phenyl]sulfonyl} amino)-2-*tert*-butyl-1*H*-benzimidazol-1-yl]propyl acetate;
15 *N*-(4-[(1-[(1*S*,4*S*)-bicyclo[2.2.1]hept-5-en-2-ylmethyl]-2-*tert*-butyl-1*H*-benzimidazol-5-yl] amino)sulfonyl]phenyl)acetamide;
N-[4-({[2-*tert*-butyl-1-(tetrahydro-2*H*-pyran-3-ylmethyl)-1*H*-benzimidazol-5-yl]amino} sulfonyl)phenyl]acetamide;
N-(4-[(2-*tert*-butyl-1-[2-(tetrahydro-2*H*-pyran-4-yl)ethyl]-1*H*-benzimidazol-5-yl] amino)sulfonyl]phenyl)acetamide;
20 *N*-(4-[[[2-*tert*-butyl-1-(cyclobutylmethyl)-1*H*-benzimidazol-5-yl](methyl)amino]sulfonyl]phenyl)acetamide;
4-[(aminocarbonyl)amino]-*N*-[2-*tert*-butyl-1-(cyclobutylmethyl)-1*H*-benzimidazol-5-yl]-*N*-methylbenzenesulfonamide;
25 *N*-(4-[[[2-*tert*-butyl-1-(cyclobutylmethyl)-1*H*-benzimidazol-5-yl](methyl)amino]sulfonyl]phenyl)-2,2-dimethylpropanamide;
N-(4-[[[2-(1,1-difluoroethyl)-1-(tetrahydro-2*H*-pyran-4-ylmethyl)-1*H*-benzimidazol-5-yl](methyl)amino]sulfonyl]phenyl)-2-hydroxyacetamide;
N-(4-[[[2-(1,1-difluoroethyl)-1-(tetrahydro-2*H*-pyran-4-ylmethyl)-1*H*-
30 benzimidazol-5-yl](methyl)amino]sulfonyl]phenyl)acetamide;
N-(4-[[[2-(1,1-difluoroethyl)-1-(tetrahydro-2*H*-pyran-4-ylmethyl)-1*H*-benzimidazol-5-yl](methyl)amino]sulfonyl]phenyl)-3-methylbutanamide;

N-(4-{[[2-(1,1-difluoroethyl)-1-(tetrahydro-2*H*-pyran-4-ylmethyl)-1*H*-
 benzimidazol-5-yl](methylamino)sulfonyl}phenyl)-2,2-dimethylpropanamide;
N-[2-(1,1-difluoroethyl)-1-(tetrahydro-2*H*-pyran-4-ylmethyl)-1*H*-benzimidazol-5-
 yl]-4-{[(isopropylamino)carbonyl]amino}-*N*-methylbenzenesulfonamide;
 5 4-{Bis[(isopropylamino)carbonyl]amino}-*N*-[2-(1,1-difluoroethyl)-1-(tetrahydro-
 2*H*-pyran-4-ylmethyl)-1*H*-benzimidazol-5-yl]-*N*-methylbenzenesulfonamide;
N-[4-({methyl[1-(tetrahydro-2*H*-pyran-4-ylmethyl)-2-(trifluoromethyl)-1*H*-
 benzimidazol-5-yl]amino}sulfonyl)phenyl]acetamide;
 10 4-[(aminocarbonyl)amino]-*N*-methyl-*N*-[1-(tetrahydro-2*H*-pyran-4-ylmethyl)-2-
 (trifluoromethyl)-1*H*-benzimidazol-5-yl]benzenesulfonamide;
N-methyl-4-nitro-*N*-[1-(tetrahydro-2*H*-pyran-4-ylmethyl)-2-(trifluoromethyl)-1*H*-
 benzimidazol-5-yl]benzenesulfonamide;
 4-amino-*N*-methyl-*N*-[1-(tetrahydro-2*H*-pyran-4-ylmethyl)-2-(trifluoromethyl)-
 1*H*-benzimidazol-5-yl]benzenesulfonamide;
 15 2,2-dimethyl-*N*-[4-({methyl[1-(tetrahydro-2*H*-pyran-4-ylmethyl)-2-
 (trifluoromethyl)-1*H*-benzimidazol-5-yl]amino}sulfonyl)phenyl]propanamide;
 2-{{4-({methyl[1-(tetrahydro-2*H*-pyran-4-ylmethyl)-2-(trifluoromethyl)-1*H*-
 benzimidazol-5-yl]amino}sulfonyl)phenyl}amino}-2-oxoethyl acetate;
 4-{[(isopropylamino)carbonyl]amino}-*N*-methyl-*N*-[1-(tetrahydro-2*H*-pyran-4-
 20 ylmethyl)-2-(trifluoromethyl)-1*H*-benzimidazol-5-yl]benzenesulfonamide;
 2-Hydroxy-*N*-[4-({methyl[1-(tetrahydro-2*H*-pyran-4-ylmethyl)-2-
 (trifluoromethyl)-1*H*-benzimidazol-5-yl]amino}sulfonyl)phenyl]acetamide
 and pharmaceutically acceptable salts thereof.

25 6. A compound of Formula IA, a pharmaceutically acceptable salt thereof,
 diastereomers, enantiomers, or mixtures thereof:



IA

wherein

G is CH or N;

X¹ is halogen;

R¹ is selected from C₁₋₁₀alkyl, C₂₋₁₀alkenyl, C₃₋₁₀cycloalkyl-C₁₋₄alkyl, C₄₋₈cycloalkenyl-C₁₋₄alkyl, C₃₋₆heterocycloalkyl-C₁₋₄alkyl, C₃₋₁₀cycloalkyl, C₄₋₈cycloalkenyl, and C₃₋₆heterocycloalkyl, wherein said C₁₋₁₀alkyl, C₂₋₁₀alkenyl, C₃₋₁₀cycloalkyl-C₁₋₄alkyl, C₄₋₈cycloalkenyl-C₁₋₄alkyl, C₃₋₆heterocycloalkyl-C₁₋₄alkyl, C₃₋₁₀cycloalkyl, C₄₋₈cycloalkenyl, and C₃₋₆heterocycloalkyl used in defining R¹ is optionally substituted by one or more groups selected from halogen, cyano, nitro, methoxy, ethoxy, methyl, ethyl, hydroxy, CH₃C(=O)-O-, amino, C₁₋₆alkylamino and diC₁₋₆alkylamino;

R² is selected from C₁₋₁₀alkyl, C₂₋₁₀alkenyl, C₃₋₁₀cycloalkyl, C₃₋₁₀cycloalkyl-C₁₋₄alkyl, and C₄₋₈cycloalkenyl-C₁₋₄alkyl, wherein said C₁₋₁₀alkyl, C₂₋₁₀alkenyl, C₃₋₁₀cycloalkyl, C₃₋₁₀cycloalkyl-C₁₋₄alkyl, and C₄₋₈cycloalkenyl-C₁₋₄alkyl used in defining R² is optionally substituted by one or more groups selected from halogen, C₃₋₆heteroaryl, methoxy, ethoxy, methyl, ethyl, hydroxy, amino, C₁₋₆alkylamino and diC₁₋₆alkylamino;

R³ and R³_a are independently selected from -H, C₁₋₆alkyl, C₂₋₆alkenyl, C₁₋₃alkyl-O-C(=O)-, C₁₋₆alkyl-HN-C(=O)-, H₂N-C(=O)-, and C₁₋₆acyl, wherein said C₁₋₆alkyl, C₂₋₆alkenyl, and C₁₋₆acyl used in defining R³ is optionally substituted with one or more groups selected from CH₃C(=O)-O-, halogen, cyano, methoxy, ethoxy, hydroxy, amino, C₁₋₆alkylamino, diC₁₋₆alkylamino, and C₃₋₆heterocycloalkyl; and

R⁴ is selected from -H, C₁₋₆alkyl, C₂₋₆alkenyl, C₃₋₆cycloalkyl, and C₃₋₆cycloalkyl-C₁₋₄alkyl.

7. A compound as claimed in claim 6

wherein

G is CH or N;

R¹ is selected from C₁₋₆alkyl, C₂₋₆alkenyl, C₃₋₆cycloalkyl-C₁₋₄alkyl, C₄₋₆cycloalkenyl-C₁₋₄alkyl and C₃₋₆heterocycloalkyl-C₁₋₄alkyl, wherein said C₁₋₆alkyl, C₂₋₆alkenyl, C₃₋₆cycloalkyl-C₁₋₄alkyl, C₄₋₆cycloalkenyl-C₁₋₄alkyl and C₃₋₆heterocycloalkyl-C₁₋₄alkyl used in defining R¹ is optionally substituted by one or

more groups selected from halogen, methoxy, ethoxy, methyl, hydroxy, $\text{CH}_3\text{C}(=\text{O})\text{-O-}$, amino, C_{1-6} alkylamino and diC_{1-6} alkylamino;

R^2 is selected from C_{1-6} alkyl, C_{2-6} alkenyl, C_{3-6} cycloalkyl, C_{3-6} cycloalkyl- C_{1-4} alkyl, and C_{4-6} cycloalkenyl- C_{1-4} alkyl, wherein said C_{1-6} alkyl, C_{2-6} alkenyl, C_{3-6} cycloalkyl, C_{3-6} cycloalkyl- C_{1-4} alkyl, and C_{4-6} cycloalkenyl- C_{1-4} alkyl used in defining R^2 is optionally substituted by one or more groups selected from halogen, C_{3-5} heteroaryl, methoxy, ethoxy and hydroxy;

R^3 is selected from $-\text{H}$, C_{1-6} alkyl, C_{2-6} alkenyl, C_{1-3} alkyl- $\text{O-C}(=\text{O})\text{-}$, C_{1-3} alkyl- $\text{HN-C}(=\text{O})\text{-}$, $\text{H}_2\text{N-C}(=\text{O})\text{-}$, and C_{1-6} acyl, wherein said C_{1-6} alkyl, C_{2-6} alkenyl, and C_{1-6} acyl used in defining R^3 is optionally substituted with one or more groups selected from $\text{CH}_3\text{C}(=\text{O})\text{-O-}$, halogen, methoxy, ethoxy, hydroxy, amino, methylamino, dimethylamino, and C_{3-6} heterocycloalkyl; and

R^4 is selected from $-\text{H}$ and C_{1-3} alkyl.

8. A compound as claimed in claim 6

wherein G is CH or N;

R^1 is selected from cyclopentyl-methyl, cyclohexyl-methyl, cyclobutyl-methyl, cyclopropyl-methyl, 4,4-difluorocyclohexanemethyl, bicyclo[2.2.1]hept-5-en-2-ylmethyl, tetrahydropyranyl-methyl, tetrahydropyranyl-ethyl, tetrahydrofuranyl-methyl, morpholinyl-methyl, piperdinylethyl, N-methyl-piperdinylmethyl, and piperdinyl-methyl;

R^2 is selected from t-butyl, n-butyl, 2-methyl-2-butyl, isopentyl, 2-methoxy-2-propyl, 2-hydroxy-propyl, trifluoromethyl, 1,1-difluoroethyl, 2,2,2-trifluoroethyl, 1-methyl-propyl, 1,1-dimethyl-propyl, 1,1-dimethyl-3-buten-1-yl, ethyl, and 2-propyl;

R^3 is selected from $-\text{H}$, C_{1-6} alkyl, and C_{1-6} acyl, wherein said C_{1-6} alkyl, and C_{1-6} acyl used in defining R^3 is optionally substituted with one or more groups selected from $\text{CH}_3\text{C}(=\text{O})\text{-O-}$, halogen, methoxy, hydroxy, amino, methylamino, dimethylamino, pyrrolidinyl, piperidinyl and morpholinyl; and

R^4 is selected from $-\text{H}$ and methyl.

9. A compound as claimed in claim 6

wherein

G is CH or N;

X^1 is bromo;

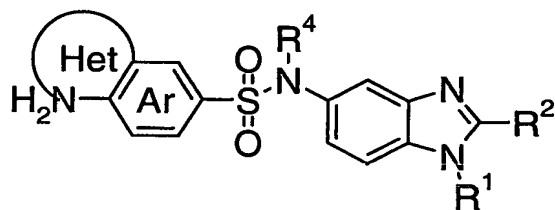
R^1 is cyclohexyl-methyl, cyclobutyl-methyl, 4,4-difluorocyclohexanemethyl, N-methylpiperidine-2-yl methyl, and tetrahydropyranyl-methyl;

R^2 is t-butyl and 1,1-difluoroethyl;

5 R^3 is selected from -H, methyl, ethyl, propyl, 2-propyl, 2-hydroxyethyl, 2-methoxyethyl, formyl, acetyl, ureido, N-isopropyl-ureido, ethylcarbonyl, 2-propylcarbonyl, t-butylcarbonyl, 2-amino-acetyl, 2-methylamino-acetyl, 2-dimethylamino-acetyl, 2-acetyloxy-acetyl, 2-hydroxy-acetyl, 2-bromo-acetyl, 2-(morpholin-1-yl)-acetyl, and 2-(pyrrolidin-1-yl)-acetyl; and

10 R^4 is selected from -H and methyl.

10. A compound of Formula IB, a pharmaceutically acceptable salt thereof, diastereomers, enantiomers, or mixtures thereof:



IB

wherein

R^1 is selected from C_{1-10} alkyl, C_{2-10} alkenyl, C_{3-10} cycloalkyl- C_{1-4} alkyl, C_{4-8} cycloalkenyl- C_{1-4} alkyl, C_{3-6} heterocycloalkyl- C_{1-4} alkyl, C_{3-10} cycloalkyl, C_{4-8} cycloalkenyl, and C_{3-6} heterocycloalkyl, wherein said C_{1-10} alkyl, C_{2-10} alkenyl, C_{3-10} cycloalkyl- C_{1-4} alkyl, C_{4-8} cycloalkenyl- C_{1-4} alkyl, C_{3-6} heterocycloalkyl- C_{1-4} alkyl, C_{3-10} cycloalkyl, C_{4-8} cycloalkenyl, and C_{3-6} heterocycloalkyl used in defining R^1 is optionally substituted by one or more groups selected from halogen, cyano, nitro, methoxy, ethoxy, methyl, ethyl, hydroxy, amino, C_{1-6} alkylamino and diC_{1-6} alkylamino;

25 R^2 is selected from C_{1-10} alkyl, C_{2-10} alkenyl, C_{3-10} cycloalkyl, C_{3-10} cycloalkyl- C_{1-4} alkyl, and C_{4-8} cycloalkenyl- C_{1-4} alkyl, wherein said C_{1-10} alkyl, C_{2-10} alkenyl, C_{3-10} cycloalkyl, C_{3-10} cycloalkyl- C_{1-4} alkyl, and C_{4-8} cycloalkenyl- C_{1-4} alkyl used in defining R^2 is optionally substituted by one or more groups selected from halogen,

methoxy, ethoxy, methyl, ethyl, hydroxy, amino, C₁₋₆alkylamino and diC₁₋₆alkylamino;

"Het" is a nitrogen (as shown in Formula IB) containing heterocycle ring that is fused with phenyl ring "Ar," wherein "Het" is optionally substituted with one or more groups selected from C₁₋₃alkyl, halogen, cyano, methoxy, ethoxy, hydroxy, and amino; and

R⁴ is selected from -H, C₁₋₆alkyl, C₂₋₆alkenyl, C₃₋₆cycloalkyl, and C₃₋₆cycloalkyl-C₁₋₄alkyl.

11. A compound as claimed in claim 10 wherein

R¹ is selected from C₁₋₆alkyl, C₂₋₆alkenyl, C₃₋₆cycloalkyl-C₁₋₄alkyl, C₄₋₆cycloalkenyl-C₁₋₄alkyl and C₃₋₆heterocycloalkyl-C₁₋₄alkyl, wherein said C₁₋₆alkyl, C₂₋₆alkenyl, C₃₋₆cycloalkyl-C₁₋₄alkyl, C₄₋₆cycloalkenyl-C₁₋₄alkyl and C₃₋

6heterocycloalkyl-C₁₋₄alkyl used in defining R¹ is optionally substituted by one or more groups selected from halogen, methoxy, ethoxy, methyl, hydroxy, amino, C₁₋₆alkylamino and diC₁₋₆alkylamino;

R² is selected from C₁₋₆alkyl, C₂₋₆alkenyl, C₃₋₆cycloalkyl, C₃₋₆cycloalkyl-C₁₋₄alkyl, and C₄₋₆cycloalkenyl-C₁₋₄alkyl, wherein said C₁₋₆alkyl, C₂₋₆alkenyl, C₃₋6cycloalkyl, C₃₋₆cycloalkyl-C₁₋₄alkyl, and C₄₋₆cycloalkenyl-C₁₋₄alkyl used in defining R² is optionally substituted by one or more groups selected from halogen, methoxy, ethoxy and hydroxy;

"Het" is morpholinyl, wherein said morpholinyl is optionally substituted with one or more groups selected from C₁₋₃alkyl, halogen, cyano, methoxy, ethoxy, hydroxy, and amino; and

R⁴ is selected from -H and C₁₋₃alkyl.

12. A compound as claimed in claim 10

wherein R¹ is selected from cyclopentyl-methyl, cyclohexyl-methyl, cyclobutyl-methyl, cyclopropyl-methyl, 4,4-difluorocyclohexyl-methyl, bicyclo[2.2.1]hept-5-en-2-ylmethyl, tetrahydropyranyl-methyl, tetrahydropyranyl-ethyl, tetrahydrofuranyl-methyl, morpholinyl-methyl, piperdinyethyl, N-methyl-piperdinylmethyl, and piperdinyl-methyl;

R² is selected from t-butyl, n-butyl, 2-methyl-2-butyl, isopentyl, 2-methoxy-2-propyl, 2-hydroxy-propyl, trifluoromethyl, 1,1-difluoroethyl, 2,2,2-trifluoroethyl, 1-methyl-propyl, 1,1-dimethyl-propyl, 1,1-dimethyl-3-buten-1-yl, ethyl, and 2-propyl;

"Het" is morpholinyl, wherein said morpholinyl is optionally substituted with one or more C₁₋₃alkyl; and

R⁴ is selected from -H and methyl.

13. A compound as claimed in claim 10 wherein

R¹ is cyclohexyl-methyl, cyclobutyl-methyl, cyclopropyl-methyl, 4,4-difluorocyclohexanemethyl, N-methylpiperidine-2-yl methyl, and tetrahydropyranyl-methyl;

R² is t-butyl and 1,1-difluoroethyl;

"Het" is morpholinyl, wherein said morpholinyl is optionally substituted with one or more C₁₋₃alkyl; and

R⁴ is selected from -H and methyl.

14. A compound according to any one of claims 1-13 for use as a medicament.

15. The use of a compound according to any one of claims 1-13 in the manufacture of a medicament for the therapy of pain.

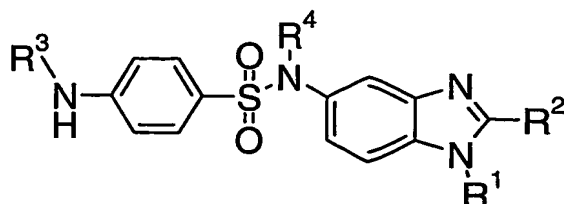
16. The use of a compound according to any one of claims 1-13 in the manufacture of a medicament for the treatment of anxiety disorders.

17. The use of a compound according to any one of claims 1-13 in the manufacture of a medicament for the treatment of cancer, multiple sclerosis, Parkinson's disease, cancer, Huntington's chorea, Alzheimer's disease, gastrointestinal disorders and cardiovascular disorders.

18. A pharmaceutical composition comprising a compound according to any one of claims 1-13 and a pharmaceutically acceptable carrier.

19. A method for the therapy of pain in a warm-blooded animal, comprising the step of administering to said animal in need of such therapy a therapeutically effective amount of a compound according to any one of claims 1-13.

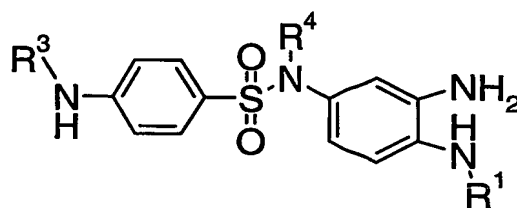
5 20. A method for preparing a compound of Formula I,



I

comprising:

reacting a compound of Formula II,



II

with a compound of R²COX, in the presence of a base, such as an alkylamine, and optionally a coupling reagent, followed by treatment with an acid;

wherein

15 X is selected from Cl, Br, F and OH;

R¹ is selected from C₁₋₁₀alkyl, C₂₋₁₀alkenyl, C₃₋₁₀cycloalkyl-C₁₋₄alkyl, C₄₋₈cycloalkenyl-C₁₋₄alkyl, C₃₋₆heterocycloalkyl-C₁₋₄alkyl, C₃₋₁₀cycloalkyl, C₄₋₈cycloalkenyl, and C₃₋₆heterocycloalkyl, wherein said C₁₋₁₀alkyl, C₂₋₁₀alkenyl, C₃₋₁₀cycloalkyl-C₁₋₄alkyl, C₄₋₈cycloalkenyl-C₁₋₄alkyl, C₃₋₆heterocycloalkyl-C₁₋₄alkyl, C₃₋₁₀cycloalkyl, C₄₋₈cycloalkenyl, and C₃₋₆heterocycloalkyl used in defining R¹ is optionally substituted by one or more groups selected from halogen, cyano, nitro, methoxy, ethoxy, methyl, ethyl, hydroxy, amino, C₁₋₆alkylamino and diC₁₋₆alkylamino;

25 R² is selected from C₁₋₁₀alkyl, C₂₋₁₀alkenyl, C₃₋₁₀cycloalkyl, C₃₋₁₀cycloalkyl-C₁₋₄alkyl, and C₄₋₈cycloalkenyl-C₁₋₄alkyl, wherein said C₁₋₁₀alkyl, C₂₋₁₀alkenyl, C₃₋₁₀cycloalkyl, C₃₋₁₀cycloalkyl-C₁₋₄alkyl, and C₄₋₈cycloalkenyl-C₁₋₄alkyl used in

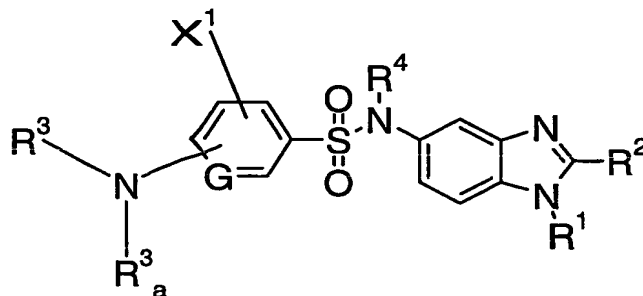
defining R^2 is optionally substituted by one or more groups selected from halogen, methoxy, ethoxy, methyl, ethyl, hydroxy, amino, C_{1-6} alkylamino and diC_{1-6} alkylamino;

R^3 is selected from $-H$, C_{1-6} alkyl and C_{1-6} acyl optionally substituted with one or more groups selected from $CH_3C(=O)-O-$, halogen, cyano, methoxy, ethoxy, hydroxy, amino, alkylamino, dialkylamino, and C_{3-6} heterocycloalkyl; and

R^4 is selected from $-H$, C_{1-6} alkyl, C_{2-6} alkenyl, C_{3-6} cycloalkyl, and C_{3-6} cycloalkyl- C_{1-4} alkyl.

21. A compound of 2-Bromo-*N*-(4-[[[2-*tert*-butyl-1-(cyclohexylmethyl)-1*H*-benzimidazol-5-yl](methylamino)sulfonyl]phenyl)acetamide.

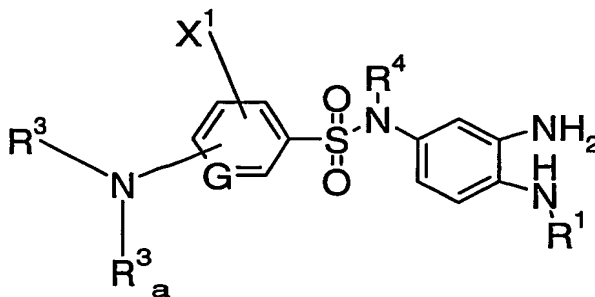
22. A method for preparing a compound of Formula IA,



IA

comprising:

reacting a compound of Formula IIA,



IIA

with a compound of R^2COX , in the presence of a base, such as an alkylamine, and optionally a coupling reagent, followed by treatment with an acid; wherein

X and X¹ are independently selected from Cl, Br, F and OH;

G is CH or N;

R¹ is selected from C₁₋₁₀alkyl, C₂₋₁₀alkenyl, C₃₋₁₀cycloalkyl-C₁₋₄alkyl, C₄₋₈cycloalkenyl-C₁₋₄alkyl, C₃₋₆heterocycloalkyl-C₁₋₄alkyl, C₃₋₁₀cycloalkyl, C₄₋₈cycloalkenyl, and C₃₋₆heterocycloalkyl, wherein said C₁₋₁₀alkyl, C₂₋₁₀alkenyl, C₃₋₁₀cycloalkyl-C₁₋₄alkyl, C₄₋₈cycloalkenyl-C₁₋₄alkyl, C₃₋₆heterocycloalkyl-C₁₋₄alkyl, C₃₋₁₀cycloalkyl, C₄₋₈cycloalkenyl, and C₃₋₆heterocycloalkyl used in defining R¹ is optionally substituted by one or more groups selected from halogen, cyano, nitro, methoxy, ethoxy, methyl, ethyl, hydroxy, CH₃C(=O)-O-, amino, C₁₋₆alkylamino and diC₁₋₆alkylamino;

R² is selected from C₁₋₁₀alkyl, C₂₋₁₀alkenyl, C₃₋₁₀cycloalkyl, C₃₋₁₀cycloalkyl-C₁₋₄alkyl, and C₄₋₈cycloalkenyl-C₁₋₄alkyl, wherein said C₁₋₁₀alkyl, C₂₋₁₀alkenyl, C₃₋₁₀cycloalkyl, C₃₋₁₀cycloalkyl-C₁₋₄alkyl, and C₄₋₈cycloalkenyl-C₁₋₄alkyl used in defining R² is optionally substituted by one or more groups selected from halogen, C₃₋₅heteroaryl, methoxy, ethoxy, methyl, ethyl, hydroxy, amino, C₁₋₆alkylamino and diC₁₋₆alkylamino;

R³ and R³_a are independently selected from -H, C₁₋₆alkyl, C₂₋₆alkenyl, C₁₋₃alkyl-O-C(=O)-, C₁₋₆alkyl-HN-C(=O)-, H₂N-C(=O)-, and C₁₋₆acyl, wherein said C₁₋₆alkyl, C₂₋₆alkenyl, and C₁₋₆acyl used in defining R³ is optionally substituted with one or more groups selected from CH₃C(=O)-O-, halogen, cyano, methoxy, ethoxy, hydroxy, amino, C₁₋₆alkylamino, diC₁₋₆alkylamino, and C₃₋₆heterocycloalkyl; and

R⁴ is selected from -H, C₁₋₆alkyl, C₂₋₆alkenyl, C₃₋₆cycloalkyl, and C₃₋₆cycloalkyl-C₁₋₄alkyl.